

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A coating for surfaces, comprising:
a paint residue extracted from a paint waste stream; and
5 a hardener;
wherein said residue and hardener are combined for application on a substrate.
2. The coating as claimed in claim 1, wherein said hardener is an isocyanate.
- 10 3. The coating as claimed in claim 2, wherein said isocyanate is hexamethylene di-isocyanate (HDI) or toluene di-isocyanate (TDI) or 4,4'-diphenylmethane diisocyanate (MDI) or isophorone diisocyanate the pre-polymers, oligomers or adducts derived therefrom.
- 15 4. The coating as claimed in claim 3, wherein the MDI is mixture of:
4,4'-diphenylmethane diisocyanate substantially 30-60% by weight and
Polymethylene polyphenyl Isocyanate substantially 30-60% by weight
- 20 5. A process for producing a surface coating, comprising:
placing a paint waste stream in a still;
thereafter operating said still and separating wash solvent from paint residue;
thereafter extracting paint residue from said still;
25 thereafter diluting paint residue to a workable viscosity;
thereafter combining said diluted residue with a hardening agent to form a useable surface coating.
6. The process of claim 4, wherein the diluted residue is combined with
30 enough hardener to fully react with the reactive sites of the residue.
7. The process of claim 4, wherein diluted residue is combined with hardener in stoichiometric amounts (based upon functional group analysis).

8. The process of claim 4 or claim 5, wherein said residue is purified according to specific gravity of its components, before combining with said hardening agent and pigments of desired colour.